

EXPRESS MAIL NUMBER: EL 477 034 695 US

## LIST OF REFERENCES CITED BY APPLICANT

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APPLICATION NO.

09/831,631

APPLICANT

Burch et al.

FILING DATE

05-10-01

GROUP

To be assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	AA 4,647,655	03-03-87	Axen et al.			
	AB 4,661,586	04-28-87	Levy et al.			
	AC 5,061,790	10-29-91	Elting et al.			
	AD 5,068,177	11-26-91	Carson et al.			
	AE 5,078,985	01-07-92	Rhodes			
	AF 5,102,990	04-07-92	Rhodes			
	AG 5,208,146	05-04-93	Irie			
	AH 5,231,167	07-27-93	Zanetti et al.			
	AI 5,306,812	04-26-94	Zanetti et al.			
	AJ 5,436,157	07-25-95	Herr et al.			
	AK 5,476,784	12-19-95	Rice et al.			
	AL 5,508,386	04-16-96	Zanetti et al.			
	AM 5,578,444	11-26-96	Edwards et al.			
	AN 5,583,202	12-10-96	Zanetti et al.			
	AO 5,591,593	01-07-97	Courtenay-Luck			
	AP 5,624,904	08-29-97	Kreiger et al.			
	AQ 5,637,300	06-10-97	Dunbar et al.			
	AR 5,637,677	06-10-97	Greene et al.			
	AS 5,653,977	08-05-97	Saleh			
	AT 5,658,762	08-19-97	Zanetti et al.			
	AU 5,688,657	11-18-97	Tsang et al.			
	AV 5,833,943	11-10-98	Courtenay-Luck			
	AW 5,969,109	10-19-99	Bona et al.			
W	AX 09/191,817		Burch, application as originally filed and the claims currently pending			11-13-98
W	AY 09/191,823		Burch, application as originally filed and the claims currently pending			11-13-98

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
W	AZ WO 99/25378	05-27-99	PCT			
W	BA WO 99/25379	05-27-99	PCT			

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BB	EP 0 509 819	04-18-92	EPO				
BC	EP 0 730 090 B1	04-28-89	EPO				
BD	EP 0 460 076 B1	11/29/95	EPO				
BE	EP 0 386 275	03-03-89	EPO				
BF	JP 2-24558	01-26-90	Japan				
BG	WO 84/04525	11-22-84	PCT				
BH	WO 89/05453	06-15-89	PCT				
BI	WO 89/10939	11-16-89	PCT				
BJ	WO 90/09804	09-07-90	PCT				
BK	WO 91/17179	11-14-91	PCT				
BL	WO 92/18540	10-29-92	PCT				
BM	WO 92/04380	03-19-92	PCT				
BN	WO 93/23537	11-25-93	PCT				
BO	WO 93/10221	05-27-93	PCT				
BP	WO 93/06859	04-15-93	PCT				
BQ	WO 93/18792	09-30-93	PCT				
BR	WO 94/11509	05-26-94	PCT				
BS	WO 94/01773	01-20-94	PCT				
BT	WO 96/19584	06-27-96	PCT				
BU	WO 96/08514	03-21-96	PCT				
BV	WO 96/02574	02-01-96	PCT				
BW	WO 97/34636	09-25-97	PCT				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BX	Attanasio et al., 1991, "Structural characterization of a cross-reactive idiotype shared by monoclonal antibodies specific for the human CD4 molecule", J. Bio. Chem. 26(22):14611-14619
BY	Barbas et al., 1993, "High-affinity self-reactive human antibodies by design and selection: Targeting the integrin ligand binding site", PNAS 90:10003-10007
BZ	Bebbington C.R., 1991, "Expression of antibody genes in non-lymphoid mammalian cells", Companion Meth. Ensemble. 2(2):136-145
CA	Bhattacharya-Chatterjee et al., 1987, "Idiotype vaccines against human T cell acute lymphoblastic leukemia", J. Immunol. 139 (4):1354-1360
CB	Billetta et al., 1991, "Immunogenicity of an engineered internal image antibody", Proc. Natl. Acad. Sci. USA 88:4713-4717
CC	Bona et al., 1994, "Immunogenicity of microbial peptides grafted in self immunoglobulin molecules", Cell. Molec. Biol. 40(1):21-30
CD	Brown et al., 1991, "Probing the idiotype? anti-idiotype antibody interaction with a set of synthetic peptide homologues", Immunol Letters 28:213-218
CE	Bruck et al., 1986, "Nucleic acid sequence of an internal image-bearing monoclonal anti-idiotype and its comparison to the sequence of the external antigen", PNAS 83:6578-6582

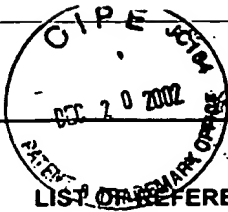
W	CF	Brumeanu TD et al., 1996, "Engineering of doubly antigenized immunoglobulins expressing T and B viral epitope", Immunotechnology. 2(2):85-95.
	CG	Brumeanu et al., 1993, "Efficient loading viral peptide onto class II molecules by antigenized immunoglobulin and influenza virus", J. Exper. Med. 178:1795-1799
	CH	Brumeanu TD et al., 1996, "Immunopotency of a viral peptide assembled on the carbohydrate moieties of self immunoglobulins", Nat Biotechnol. 14(6):722-5.
		Brumeanu TD et al., 1995, "Purification of antigenized immunoglobulins derivatized with monomethoxypolyethylene glycol", J Chromatogr A. 696(2):219-25.
		Carlin et al., 1993, "Elicitation and immunological characterization of monoclonal anti-idiotypic antibodies reactive with ligand binding sites of monoclonal kinin antibodies", Hybridoma 12(1):55-65
	CK	Carron et al, "Characterization of antibodies to idiotype determinants of monoclonal anti-sperm antibodies" Biology of Reproduction 1988, Vol. 38
	CL	Casares S et al., 1997, "Protective immunity elicited by vaccination with DNA encoding for a B cell and a T cell epitope of the A/PR/8/34 influenza virus", Viral Immunol. 10(3):129-36.
	CM	Chamat et al., 1980, "The immune response towards $\beta$ -adrenergic ligands and their receptors", J. Immunol. 136(10):3805-3811
	CN	Corthesy et al., 1996, "A pathogen-specific epitope inserted into recombinant secretory immunoglobulin A is immunogenic by the oral route", J. Biol. Chem. 271(52):33670-33677
	CO	Ducancel et al., 1996, "Mimicry between receptors and antibodies", J. Biol. Chem. 271(49):31345-31353
	CP	Durrant et al., 1992, "An idiotype replica of carcinoembryonic antigen inducing cellular and humoral response directed against human colorectal tumors", Intl. J. Cancer 50:811-816
	CQ	Edelson et al., 1997, Cutaneous T-cell lymphoma: a model for selective immunotherapy", Cancer J. 62-71
	CR	Farid et al., 1983, "Anti-idiotypic antibodies as probes or hormone-receptor interaction", Can. Biochem. Cell Biol. 62:1255-1267
	CS	Frisch et al., 1994, "A soluble immunoglobulin variable domain without a disulfide bridge: construction, accumulation in the cytoplasm of E. coli, purification and physicochemical characterization", Biol. Chem. Hoope-Seyler 375:353-356
	CT	Gaulton G et al., 1985, "Anti-idiotypic antibody identifies the cellular receptor of reovirus type 3", J Cell Biochem. 28(1):69-78.
	CU	Gerloni et al., 1997, "Immunity to <i>Plasmodium falciparum</i> malaria sporozoites by somatic transgene immunization", Nature Biotech. 16: 876-842
	CV	Giantonio et al., 1997, "Superantigen-based immunotherapy: a phase I trial of PNU-214565, a monoclonal antibody-staphylococcal enterotoxin A recombinant fusion protein, in advanced pancreatic and colorectal cancer", J. Clin. Oncol. 15(5):1994-2007
	CW	Greenspan NS et al., 1993, "Idiotypes: structure and immunogenicity", FASEB J. 7(5):437-44.
	CX	Haasemann et al., 1992, "Anti-idiotypic antibodies against the kinin receptor", J. Cardiovas. Pharm. 20(9):S47-S54
	CY	Hanke T. & Randall R., 1995, "Variable domain sequences of mAb with high affinity for a linear oligopeptide", Immunogen. 42:442-443
	CZ	Hedrick et al., 1988, "Selection of amino acid sequences in the beta chain of the T cell antigen receptor", Science 239:1541-1545
	DA	Herlyn et al., 1986, "Anti-idiotypic antibodies bear the internal image of a human tumor antigen", Science 232:100-1022
	DB	Hinoda et al., "Internal Image-Bearing Anti-Idiotypic Monoclonal Antibodies", Tumor Biol 1995; 16:48-55, pp. 48-55
	DC	Kabat E. & Wu T., 1991, "Identical V Region amino acid sequences and segments of sequences in antibodies of different specificities", J. Immunol. 1709-1719
	DD	Kang et al., 1992, "Anti-idiotypic monoclonal antibody elicits broadly neutralizing anti-gp120 antibodies in monkeys", Proc. Natl. Acad. Sci. 89:2546-2550

u	DE	Kunicki et al., "Molecular determinants of Arg-Gly-asp ligand specificity for $\beta$ -integrins", J. Biol. Chem. 272(7):4103-4107
	DF	Kuzu Y et al., 1993, "Priming of cytotoxic T lymphocytes at various stages of ontogeny with transfectoma cells expressing a chimeric Ig heavy chain gene bearing an influenza virus nucleoprotein peptide", Int Immunol. 5(10):1301-7.
		Lambris et al., 1982, "Characterization of the lymphocyte membrane receptor for factor H ( $\beta$ 1H-Globulin) with an antibody to anti-factor H idiotypic", J. Exp. Med. 155: 1400-1411
		Lanza et al., 1993, "Analysis of syncytial-inhibiting anti-CD4 antibodies elicited by antigenized antibodies expressing oligopeptides of human CD4 in a hypervariable loop", IXth International Conference on AIDS and IVth STD World Congress, p. 245, Abstract PO-A28-0663
	DI	Lanza et al., 1992, "Use of antigenized antibodies containing CD4 sequences to generate antibodies able to inhibit syncytial formation", FASEB J. 6(4):A1400, Abstract 2690
	DJ	LeBlanc et al., 1998, "Recognition properties of a sequence-specific DNA binding antibody", Biochem. 37:6015-6022
	DK	Lefvert et al., 1984, "Receptor-like activity of a monoclonal anti-idiotypic antibody against an anti-acetyl choline receptor antibody", Scand. J. Immunol. 19:485-489
	DL	Linthicum et al., 1988, "Analysis of idiotype and anti-idiotypic antibodies as models of receptor and ligand", Clin. Chem. 34(9), 1676-1680
	DM	Lode et al., 1998, "Natural killer cell-mediated eradication of neuroblastoma metastases to bone marrow by targeted interleukin-2 therapy", Blood 91(5):1706-1715
	DN	Ludwig et al., 1987, "Anti-receptor antibodies design to elicit "internal image"-bearing idiotypes: a possible AIDS vaccine", Med. Hypotheses 23:303-307
	DO	McLane et al., 1995, "Transplantation of a 17-amino acid $\alpha$ -helical DNA binding domain into an antibody molecule confers sequence dependant DNA recognition", PNAS 92:5214-5218
	DP	Miller et al., 1982, "Treatment of B-cell lymphoma with monoclonal anti-idiotypic antibody", New Eng. J. Med. 306:517-522
	DQ	Monfardini et al., 1996, "Rational design, analysis, potential utility of GM-CSF antagonists", Proc. Assoc. American Phys. 108(6):420-431
	DR	Monfardini et al., 1995, "Recombinant antibodies in bioactive peptide design", J. Biol. Chem. 270:6628-6638
	DS	Moran TM et al., 1990, "A novel technique for the production of hybrid antibodies", J Immunol Methods. 129(2):199-205.
	DT	Moran TM et al., 1991 "Inhibition of multicycle influenza virus replication by hybrid antibody-directed cytotoxic T lymphocyte lysis", J Immunol. 146(1):321-6.
	DU	Morrison SL et al., 1986, "Production of novel immunoglobulin molecules by gene transfection", Mt Sinai J Med. 53(3):175-80.
	DV	Ng et al., 1984, "Binding of anti-morphine anti-idiotypic antibodies to opiate receptors", Eur. J. Pharm. 102:187-190
	DW	Ody et al., 1993, "Monoclonal ligand binding site-related anti-idiotypic antibodies elicited with a polyclonal kinin antibody", Hybridoma 12(1):45-53
	DX	Pervin et al., 1997, "Induction of antitumor immunity by an anti-idiotypic antibody mimicking carcinoembryonic antigen", Cancer Research 57:728-734
	DY	Proba et al., 1997, "A natural antibody missing a cysteine in VH: consequences for thermodynamic stability and folding", J Mol Biol. 1997 Jan 17; 265(2): 161-72
	DZ	Rinfret et al., 1985, "Noncovalent association of heavy and light chains of human immunoglobulins", J. Immunol. 135(4):2574-2581
	EA	Rosel et al., 1992, "Adhesive functions of antibodies antigenized with the Arg Gly Asp (RGD) Epitope", FASEB J. 6(4):A1400, Abstract 2691
	EB	Rudikoff et al., 1986, "Functional antibody lacking a variable-region disulfide bridge", Proc. Natl. Acad. Sci. USA 83:7875-7878

EXPRESS MAIL NUMBER: EL 477 034 695 US

lu	EC	Seferian et al. "Antibody synthesis induced by endogenous internal images", Applied Biochemistry and Biotechnology 1994, Vol. 47, pp213-227
	ED	Sherman-Gold, 1997, "Monoclonal antibodies: the evolution from '80s magic bullets to mature, mainstream applications as clinical therapeutics", Gen. Eng. News 17(14)
		Shiroishi et al., 1984, "Role of a disulfide bridge in the immune function of major histocompatibility class I antigen as studied by in vitro mutagenesis", PNAS 81:7544-7548
		Taub et al., 1989, "A monoclonal antibody against the platelet fibrinogen receptor contains a sequence that mimics a receptor recognition domain in fibrinogen", J. Biol. Chem. 264(1):259-265
	EG	Taub et al., 1991, "Peptide sequences from the hypervariable regions of two monoclonal anti-idiotypic antibodies against the thyrotropin (TSH) receptor are similar to TSH and inhibit TSH-increased cAMP production in FRTL-5 thyroid cells", J. Biol. Chem. 267:5977-5984
	EH	Taub et al., 1992, "Functional validation of ligand mimicry by anti-receptor antibodies: structural and therapeutic implications", Biochem. 31(33):7431
	EI	Tripathi et al., "Antigen mimicry by an anti-idiotypic antibody single chain variable fragment, Molecular Immunology 1998, Vol 35, pp 853-863
	EJ	Ulmer J.B., 1997, "Elegantly presented DNA vaccines", Nature Biotech 15(9):842-843
	EK	Weissenhorn et al., 1992, "V <sub>H</sub> -related idiotypes detected by site-directed mutagenesis: a study induced by the failure to find CD4 anti-idiotypic antibodies mimicking the cellular receptor of HIV", J. Immunol. 149:1237-1241
	EL	Xiong et al., 1997, "Engineering vaccines with heterologous B and T cell epitopes using immunoglobulin genes", Nature Biotech. 15:882-886
	EM	Zaghouani et al., 1994, "Induction of HIV-1 neutralizing antibodies in baboons by immunization with an immunoglobulin carrying a consensus sequence from the V3 loop of the envelope protein", FASEB J 8:A962, Abstract 5570.
	EN	Zaghouani et al., 1993, "Presentation of a viral T cell epitope expressed in the CDR3 region of a self immunoglobulin molecule", Science 259:224-227.
	EO	Zaghouani et al., 1992, "Cells expressing an H chain Ig gene carrying a viral T cell epitope are lysed by specific cytolytic T cells", J Immunology 148:3604-3609.
	EP	Zaghouani et al., 1995, "Induction of antibodies to the human immunodeficiency virus type 1 by immunization of baboons with immunoglobulin molecules carrying the principal neutralizing determinant of the envelope protein", PNAS 92:631-635.
	EQ	Zanetti M., 1992, "Antigenized antibodies", Nature 355:476-477
	ER	Zanetti et al., 1993, "Expression of conformationally constrained adhesion peptide in an antibody CDR loop and inhibition of natural killer cell cytotoxic activity by an antibody antigenized with the RGD motif", EMBO 12(11):4375-4384
↓	ES	Zebedee et al., 1992, "Human combinatorial antibody libraries to hepatitis B surface antigen", Proc. Natl. Acad. Sci. 89:3175-3179
EXAMINER	DATE CONSIDERED 8/26/03	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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				APPLICANT Burch et al.			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
WU	ET	Diekman et al., 1997, "Sperm Antigens and Their Use in the Development of an Immunocontraceptive", <i>Am. J. of Reproductive Immunol.</i> 37:111-117.					
WU	EU	Langedijk et al., 1998, "The Nature of Antibody Heavy Chain Residue H6 Strongly Influences the Stability of a V <sub>H</sub> Domain Lacking the Disulfide Bridge", <i>J. Mol. Biol.</i> 283:95-110.					
EXAMINER <i>WU WU</i>				DATE CONSIDERED 8/26/03			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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